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SOURCE Newspapers as indicated.

BACTERIAL AND MECHANICAL METHODS IMPROVE FERTILIZATION[Numbers in parentheses refer to appended sources]

The Kiev Plant of Bacterial Fertilizers has begun production of nitrous bacterial fertilizers for fertilizing bean crops. The plant has already produced tens of thousands of bottles of this valuable fertilizer.

By the 1950 spring sowing, 300,000 bottles of nitrous bacterial fertilizers will be produced for Ukrainian kolkhozes. This amount will be sufficient for fertilizing a 300,000 hectare area. (1)

At a conference held in Uzbek SSR, it was decided that the application of phosphorous fertilizers to the soil during plowing increases considerably the harvest of cotton plants and that not less than 60 percent of the year's supply of superphosphate should be used during plowing. Since MTSs do not yet have special machines which can deposit mineral fertilizers in the soil while plowing, the work has to be done by hand. This results in a great loss of time and does not guarantee an even distribution of fertilizer. Recently, however, the Karasuyskiy MTS in Tashkent Oblast conducted a very successful experiment, using the SUZ fertilizing machine for disseminating phosphorous fertilizers during plowing. The machine was tested in the Kolkhoz imeni Maksim Gor'kiy and the results were good. It is now recommended that all MTS and kolkhozes adopt these machines for use during plowing. Simultaneous fertilizing and plowing, possibly by the use of the Universal tractor, make it possible to save large quantities of fuel. (2)

SOURCES

1. Moskovskiy Bol'shevik, No 5, 6 Jan 50
2. Pravda Vostoka, No 230, 22 Nov 49

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